

Date: Sun, 30 Jan 94 04:30:15 PST
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V94 #18
To: Ham-Digital

Ham-Digital Digest Sun, 30 Jan 94 Volume 94 : Issue 18

Today's Topics:

(BID: MSK_0194) ! Moscow Packet Net
 9600 baud TNCs
 Hamcom III
 Help! Mac/KAM/tcpip
 How to get started?
 JVFAX-like program for Macintosh ?
 Kantronics Weather Node wanted
 net for unix
 Notebook interference to HT?
 packet and ARES
 TNC3 & TNC4 ?
 W9GR dsp port for TI DSK

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Jan 1994 07:00:08 GMT
From: usc!howland.reston.ans.net!EU.net!news.eunet.fi!KremlSun!kiaie!relcom!
push.stack.serpukhov.su!stack.serpukhov.su!victor@network.ucsd.edu
Subject: (BID: MSK_0194) ! Moscow Packet Net
To: ham-digital@ucsd.edu

Date: 25 Jan 94 19:55:00 UTC
From: ua3cr%rk3kp@gw.ra3apw.ampr.org
To: wsem@sun
Subject: CP UA3CR: Moscow pkt Net

Path: RK3KP

From: UA3CR@RK3KP.MSK.RUS.EU

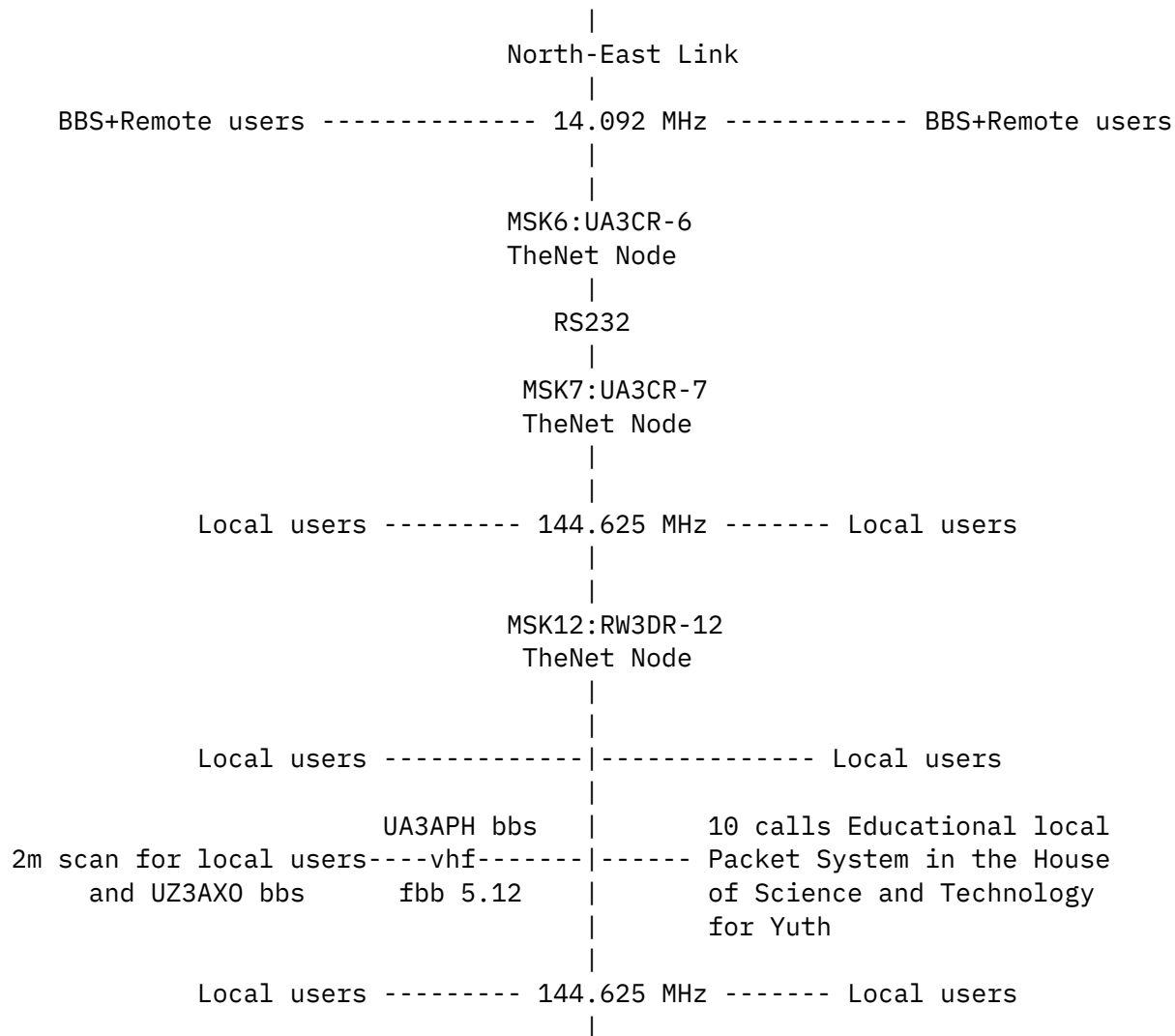
To : WSEM@SUN

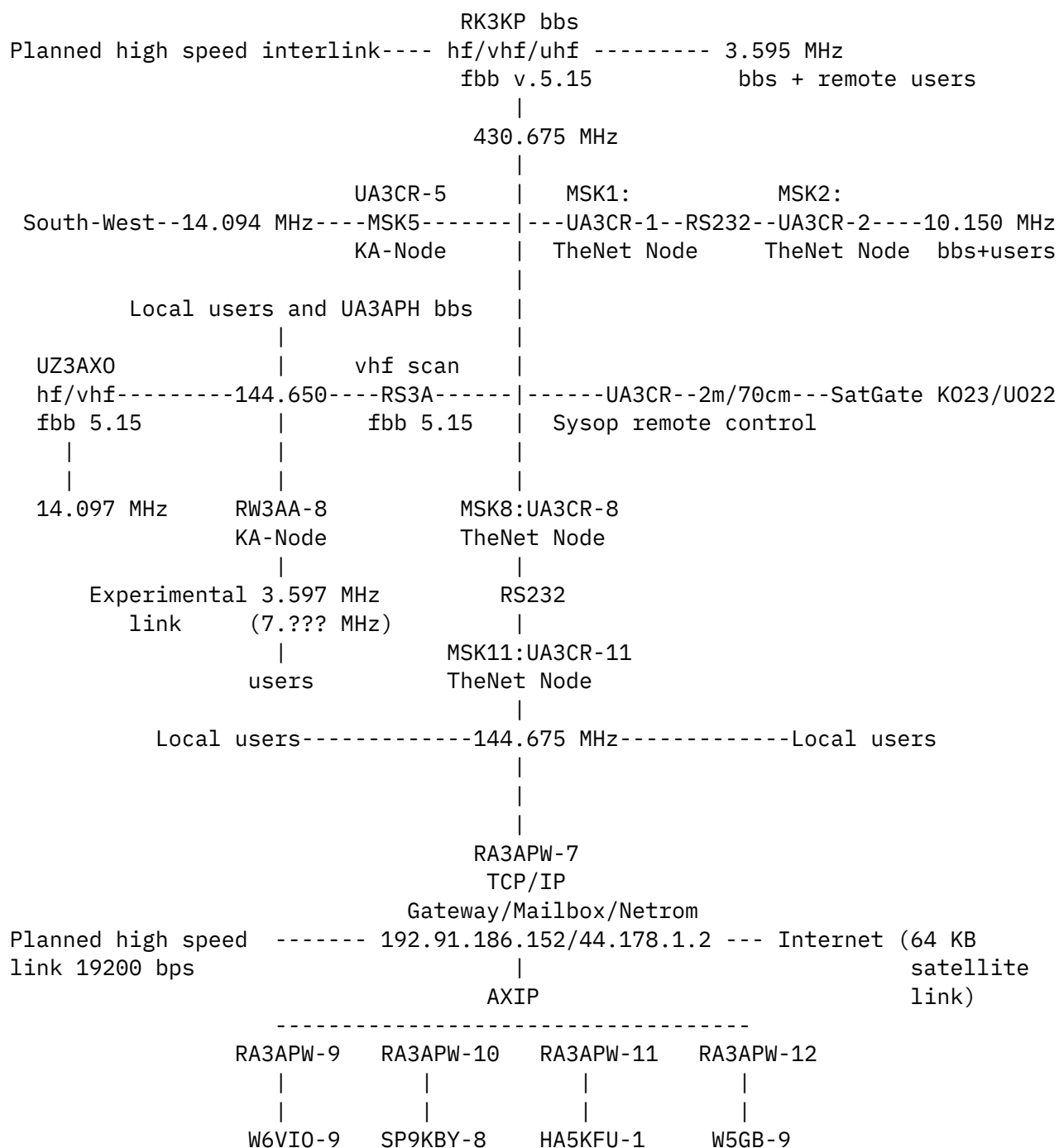
Original from UA3CR to MAP@EU

BID: MSK_0194 (Only this BID to use please!)

MOSCOW PACKET NET

=====





Note: All HF links are 300 bps
 All VHF/UHF links are 1200 bps

List of fwd bbs on HF

RK3KP: DK0MWX SM5BKI 4X1KT SV1IW GB7LDI SP9ZDN TA2EM LZ2XA
UA6LU UA6CL RW6AT UY0LL UR7IWZ UT4UX UZ4FXT UA3TJQ
UZ9CWW UZ9OWD UA0SC.

UZ3AX0: I6BNW TA7BBS RW6AT

This diagramm is coordinated with UA3CR RA3APW RW3AA UA3APH RA3AT

Jan 1994 Moscow

73! Victor, RX3DIN

Date: Thu, 27 Jan 1994 07:16:34 GMT
From: netcomsv!netcom.com!wb6w@decwrl.dec.com
Subject: 9600 baud TNCs
To: ham-digital@ucsd.edu

kb4lfh@vnet.ibm.com wrote:

: I have gotten a few negative and a few positive comments back on
: the DRSI DPK-9600 baud TNC. What TNC or TNC/modem combination
: seems to give best performance? The TNC should be able to run
: in either native AX.25 mode or in KISS mode for use with TCP/IP
: over packet, the later preferred.

: Any and all feedback on 9600bd TNCs will be GREATLY appreciated.

: Thanks & 73,
: Mike KB4LFH
: Cary, NC

Mike -

I am using the MFJ 1270B TNC with the MFJ implementation of the 9600
baud modem. I seems to work ok for the most part. The only complainrt
I have is that the beast seems to change TXD/SLOT/PERSIST parameters
on it's own while running in KISS mode. I haven't been able to get
to MFJ with questions (their tech phone is always busy). I have a
friend who is running the same version of JNOS as me (my EXE file is
a copy of his) but with a Kantronics data engine and HIS parameters
don't change. The KDE is a nice box biut is much more expen\$ive than
the MFJ box. If you don't mind some of your TNC parameters being
jangled in KISS mode, the MFJ is at least worth a look...

Glenn wb6w@netcom.com

Date: Thu, 27 Jan 1994 13:09:48 GMT
From: usc!howland.reston.ans.net!news.intercon.com!psinntp!psinntp!psinntp!
laidbak!tellab5!jwa@network.ucsd.edu
Subject: Hamcom III
To: ham-digital@ucsd.edu

I heard that Hamcom III is available.

Does anyone have it? Can you uudecode it
and E-mail it? I can't ftp from this sight.

Jack Albert WA9FVP Fellow Radio Hacker
 Tele (708) 378-6201
Tellabs Operations, Inc. FAX (708) 378-6721
1000 Remington Blvd. jwa@tellabs.com
Bolingbrook, IL 60440

"I'm a half breed"
"I can only breed through on side of my nose!"

Eddie Kantor

Date: 30 Jan 94 02:13:34 GMT
From: news-mail-gateway@ucsd.edu
Subject: Help! Mac/KAM/tcpip
To: ham-digital@ucsd.edu

I have been trying for some time, without success, to get a packet radio station running utilizing a Macintosh, a KAM, and the tcpip protocol NET/Mac by PA2AGA. Anyone out there who has been down this road who would be willing to help?

Thanks, Don

engstrom@umassmed.ummed.edu

--
Login name: engstrom In real life: Donald R. Engstrom
Office: Biomedical , x6-3758
Directory: /resh/engstrom Shell: /bin/sh

Date: Wed, 26 Jan 1994 20:12:30 GMT
From: lll-winken.llnl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
cs.utexas.edu!csc.ti.com!tilde.csc.ti.com!cauldron!ra.csc.ti.com!
sti955.dseg.ti.com!sling@seismo.css.gov
Subject: How to get started?
To: ham-digital@ucsd.edu

I'm very interested in digital radio. I've taken several graduate EE courses in digital communications, so I have a decent grasp of the theory. However, I have no real-world experience with radio. It looks like digital amateur radio might be just the ticket. Are there any seasoned amateurs out there who can help me get started? (I already read the FAQ)

Who do I contact to get a license? Is there a test? Do I have to know morse code?

Where can I learn more about the equipment used? How much will it cost? Is it realistic to design and build some of it myself? I think I would learn more that way.

Are there any digital radio operators in the Dallas area that would be interested in giving me a demo?

[][][]

Steve Ling
sling@dseg.ti.com
214-995-1378

Texas Instruments, Inc.
P.O. Box 655012, m/s 31
Dallas, Texas 75265

Date: 27 JAN 94 17:04:55 GMT
From: sdd.hp.com!elroy.jpl.nasa.gov!usc!sol.ctr.columbia.edu!news.kei.com!bloom-beacon.mit.edu!senator-bedfellow.mit.edu!zenith.pfc.mit.edu!
garnier@network.ucsd.edu
Subject: JVFAX-like program for Macintosh ?
To: ham-digital@ucsd.edu

There is! It just came out. Its called RadFax 0.9. Written by Juri Munkki and available on sumex.stanford.edu. It uses the built in sound digitizer of the newer macs to do the modem part and only does WEFAX and only receives. But, for the shareware fee you get the source code. I have yet to get my powerbook together with my SW reciever, so I haven't gotten a picture yet. Maybe someone else can get it and do a review?
(It's also sitting in the incoming directory at UMICH, so it should be available there too soon.)

Darren.

Date: Thu, 27 Jan 94 12:24:57 EST
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!europa.eng.gtefsd.com!
ulowell!das.wang.com!wang!tosspot!lee@network.ucsd.edu
Subject: Kantronics Weather Node wanted
To: ham-digital@ucsd.edu

Hi.

Anyone out there have the above device for sale with or without
the temperature/windspeed sensors?

Thanks,
Lee. lee@tosspot.sv.com

Date: 26 Jan 1994 23:09:55 GMT
From: lll-winken.llnl.gov!sol.ctr.columbia.edu!howland.reston.ans.net!torn!
hermes.acs.ryerson.ca!ee.ryerson.ca!jeff@seismo.css.gov
Subject: net for unix
To: ham-digital@ucsd.edu

Michel CERDINI (cerdini@zen.gatelink.fr.net) wrote:
: I'm trying to install net package (ka9q internet protocol package) under
: Linux, with my pk232 us model, and I have always problems : missing files,
: manuals to short...etc...

: I never arrived to send a ping frame to another station !

: Is there someone who use net (or something better ?) under Linux with a
: pk232 who can send me his config files (like startup.net) ?

: Thanks in advance...
: (sorry but english is not my native language)
: --

WAMPES, an updated version of ka9q works fine under Linux. If you have
problems with configuration scripts, send E-Mail to the maintainer of
that code, Olaf Erb. His address is in the distribution of WAMPES.
You can get it from UCSD.edu /pub/hamradio/tcpip/wampes I think.

Also, Alan Cox, the maintainer of the networking code for Linux has just
released AX25 built into the kernel. If you like, I can send you a ready
built kernel, and the docs on how to get it going. Send me E-Mail if
you are interested in that. I think that's your best bet. It does
IP over AX25, and normal AX25 directly from the kernel to a KISS TNC.

I've had no problems at all.

: Michel CERDINI BP5574 69247 Lyon Cedex 05 | E-Mail cerdini@zen.gatelink.fr.net
: BBS/RTC Videotex ZENITH (8 acces) 24h/24 | AX25 F1ITS@FF2LY.FRHA.FRA.EU
: Minitel: 7836.1996 - V32b/V42b: 7836.1001 |AmprNet F1ITS.AMPR.ORG [44.151.69.10]

73! de Jeff / VE3DJF

Internet Jeff@EE.Ryerson.Ca
AMPRnet VE3DJF@bbs.VE3RPI.ampr.org @[44.135.88.3]
AX25BBS VE3DJF@VE3RPI.#SCON.ON.CAN.NOAM

Linux Linux Linux Rah Rah Rah Linux Linux Linux.....

Date: Wed, 26 Jan 1994 15:10:40 GMT
From: sdd.hp.com!vixen.cso.uiuc.edu!howland.reston.ans.net!pipex!sunic!psinntp!
psinntp!gdstech!gdstech!bat@network.ucsd.edu
Subject: Notebook interference to HT?
To: ham-digital@ucsd.edu

There are 2 problems with your station, the first being the low power of the HT. Unless you can run 20 watts or more, you are a classic "hidden transmitter", and will not be heard by many of the other packet stations. So, packet collisions will occur, because of you, and much of the network traffic will slow down because of retries.

The second thing (just an assumption by me), is that the antenna in use is the rubber ducky on that HT. If this is true, it will pickup computer noise by being too close. You need an outside antenna to eliminate this noise. An outside, omnidirectional antenna, placed as high as you can, will also help problem number 1 get better. With this, more stations will hear you. You will now hear them transmitting, and you wont be transmitting on top of them, screwing up the frequency. Good luck. -pat

--

* Pat Masterson D12-25 | KE2LJ@KC2FD *
* Grumman Data Systems | 516-346-6316. *
* Bethpage, NY 11746 | bat@gdstech.grumman.com *

Date: Fri, 28 Jan 1994 21:41:29 GMT
From: usc!howland.reston.ans.net!math.ohio-state.edu!cyber2.cyberstore.ca!
nnntp.cs.ubc.ca!utcsri!newsflash.concordia.ca!CC.UMontreal.CA!fn@network.ucsd.edu
Subject: packet and ARES

To: ham-digital@ucsd.edu

In article <1994Jan27.165319.10971@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>

[begining deleted]

>That depends. If you have a PC, the Gracillis Packet Twin plug in card
>is the best digital interface. It'll handle any two of 300, 1200, 2400,
>9600, 19.2 kb, or 56 kb modems. One of those (up through 9600 baud) can
>be an internal daughter card, the other external. The Ottawa PI card
>is a lower cost alternative.

Could someone give the manufacturer (or distributor) name, address, phone
and fax number, and the approximate price of these 2 adapters.

[rest deleted]

>Gary

>--

>Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
>534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
>Lawrenceville, GA 30244				

TNX, 73 de Francois / VE2NFC

--

Francois Normant (VE2NFC)		Internet: fn@mathappl.polymtl.ca
Ecole Polytechnique - Mathematiques		Compu\$erve: 75210,525
C.P. 6079 - succursale centre ville		Tel. (514) 340-5968
Montreal - Quebec - Canada - H3C 3A7		Fax. (514) 340-4463

Date: 27 Jan 1994 19:42:08 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!pipex!zaphod.crihan.fr!
news.univ-rennes1.fr!nospiment.ireste.fr!dbillon@network.ucsd.edu
Subject: TNC3 & TNC4 ?
To: ham-digital@ucsd.edu

I read a paper about the TNC3 and TNC4 (Falcon). Did someone try one of
these TNCs ? Any advice to buy one of these ?

73, Damien, F1PLI, dbillon@nospiment.ireste.fr

Date: 27 Jan 94 17:51:32 GMT
From: flop.ENGRO.OST.EDU!news.csos.orst.edu!gaia.ucs.orst.edu!frl.orst.edu!
forrerj@rutgers.rutgers.edu
Subject: W9GR dsp port for TI DSK
To: ham-digital@ucsd.edu

Greetings,

For those that have the \$99 TI DSK, I placed my port of the W9GR
audio digital signal processor software on ucsd.edu in
hamradio/packet/tcpip/incoming. Look for DSPDSK.EXE and DSPDSK.TXT.

If you are interested in learning some finer points of audio DSP,
obtain this code and work through it.

Enjoy.

Johan Forrer
KC7WW

e-mail: forrerj@FRL.orst.edu

(code posted with consent of W9GR)

End of Ham-Digital Digest V94 #18
